

Customer No.: 31561  
Docket No.: 12978-US-PA  
Application No.: 10/710,420

### AMENDMENTS

#### FOR THE CLAIMS

1. (currently amended) A method of reducing [[a]] an SDF file size, comprising:  
reading a cell description from the SDF file;  
determining whether or not a state-dependent description is present in the cell description; and  
removing the state-dependent descriptions in the cell description, which are impossible to be used, by referring to a state data contained in [[the]] a design description and associated to the cell description when it is determined that the state-dependent description is present in the cell description.
2. (currently amended) The method of reducing the SDF file size of claim 1, wherein when the state-dependent description is not present in the cell description, the cell description is kept unchanged in the SDF file.
3. (currently amended) The method of reducing the SDF file size of claim 1, wherein when the state-dependent description is present in the cell description and there is no delay data description associated to the state, which is impossible to be used, the cell description is kept unchanged in the SDF file.
4. (currently amended) The method of reducing the SDF file size of claim 1, wherein the design description is a netlist.
5. (currently amended) The method for reducing the SDF file size of claim 1, wherein the SDF file is an IEEE 1497 SDF file.